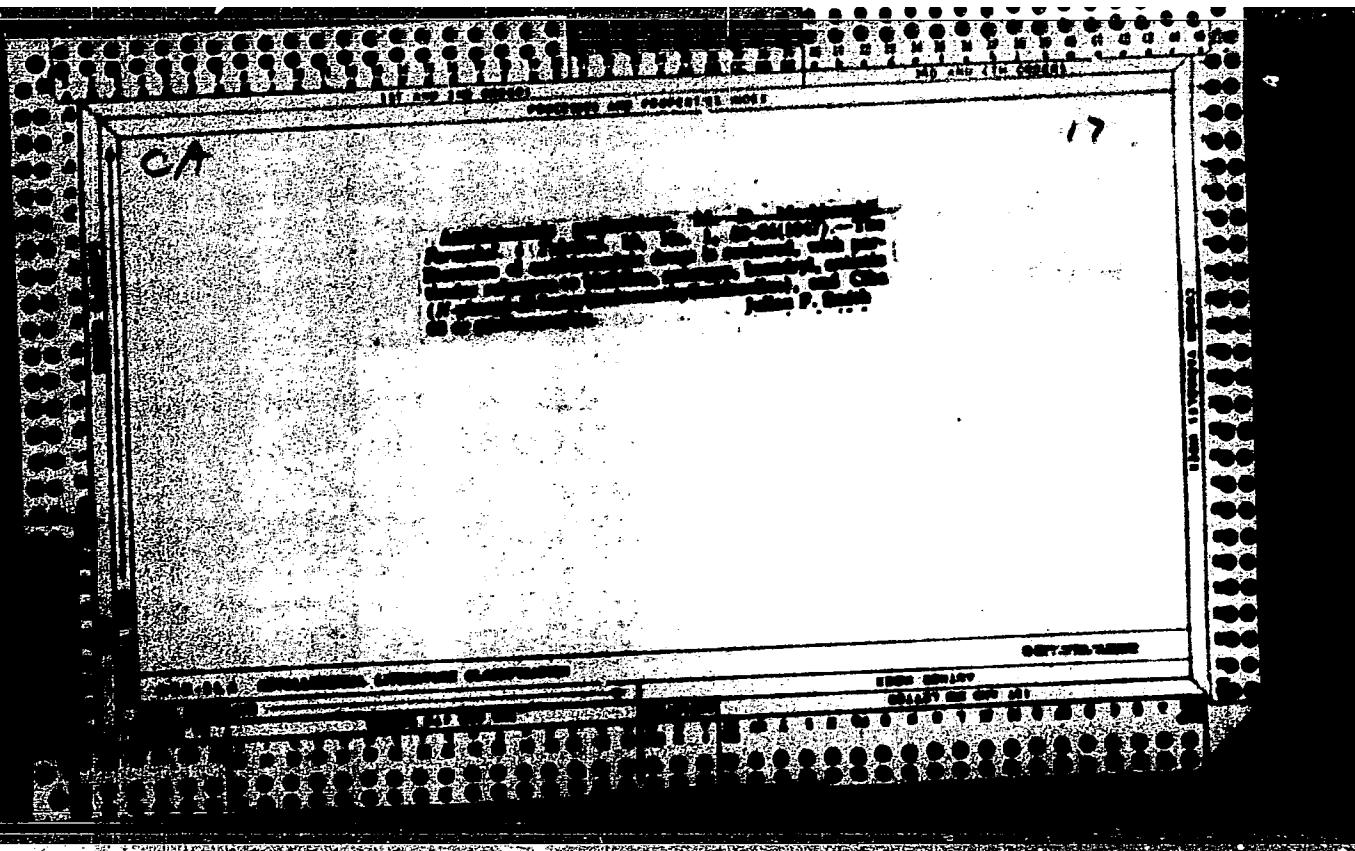


"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9



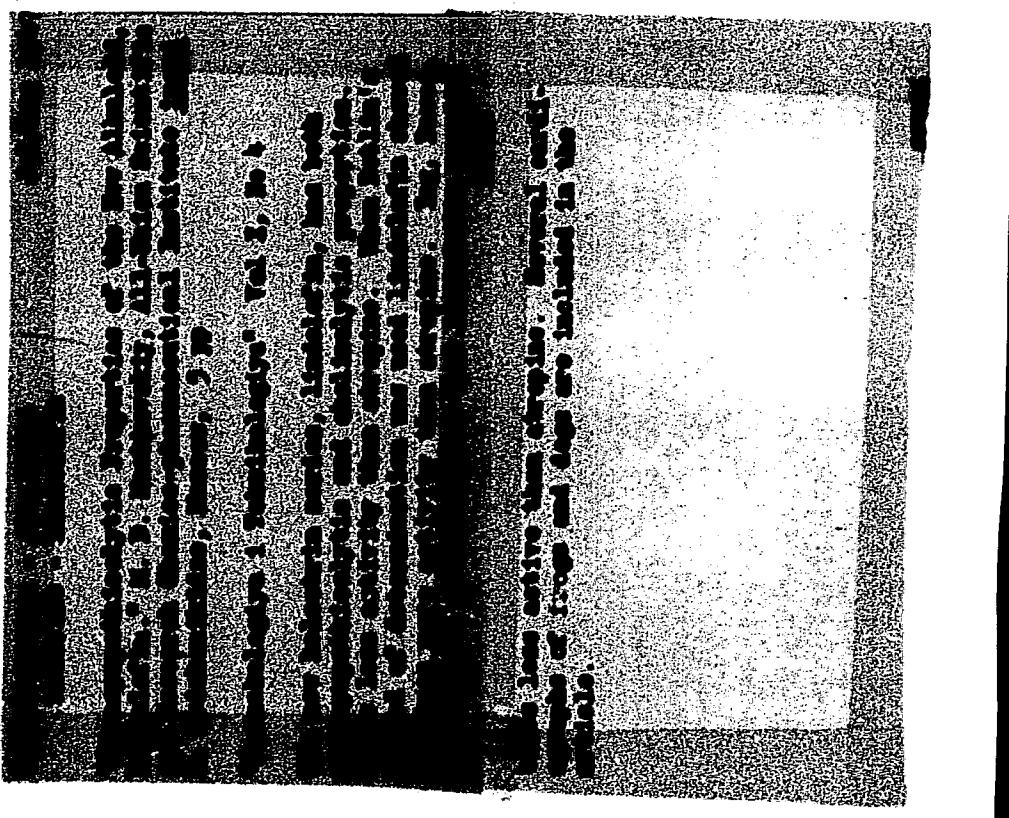
APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9"

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9

MASHKOVSKIY, M.D.



APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9"

17

ca

Benzene and Benzoic. M. Maslennikoff. *New. Med.* 11, No. 6, 17 (1947); Chem. Zentral. (Berliner Zone Ed.) 1948, II, 1659. — Benzene is 4-hydroxy-4,5-dihydroxide and is identical with the prep. known as Polenol. Phys.-chem. identified with the prep. known as Polenol. Phys.-chem. and pharmacol. data are reported. Benzoic, identical with benzoquinone, is *p*(4-hydroxy-3,5-dihydrophenyl)-*o*-phenylenepropanoic acid. It is a new x-ray contrast agent used for gall-bladder visualization. It is a white powder, m. 187-8°, readily sol. in alc., ether, and other org. solvents.

M. G. Moore

1961

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9

5863. Mashkovskiy M.D.

Primeneniye kurare v meditsine "The use of curare in medicine", Sovetskaya Meditsina
1947, 11/6 (30-31)

Section II Vol 1.² No. 7--12

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9"

MASHKOVSKIY, M. D.

PA 13/49T18

Chemistry - Pharmaceuticals
Chemistry - Sulfamide, Derivatives

POL 48

"Some Medicinal Preparations Developed by the All-Union Scientific and Research Chemico-pharmaceutical Institute imeni S. Ordzhonikidze," M. D. Mashkovskiy, All-Union Sci Res Chemico-phar Inst imeni S. Ordzhonikidze, 6 pp

"Med Prom SSSR" No 2

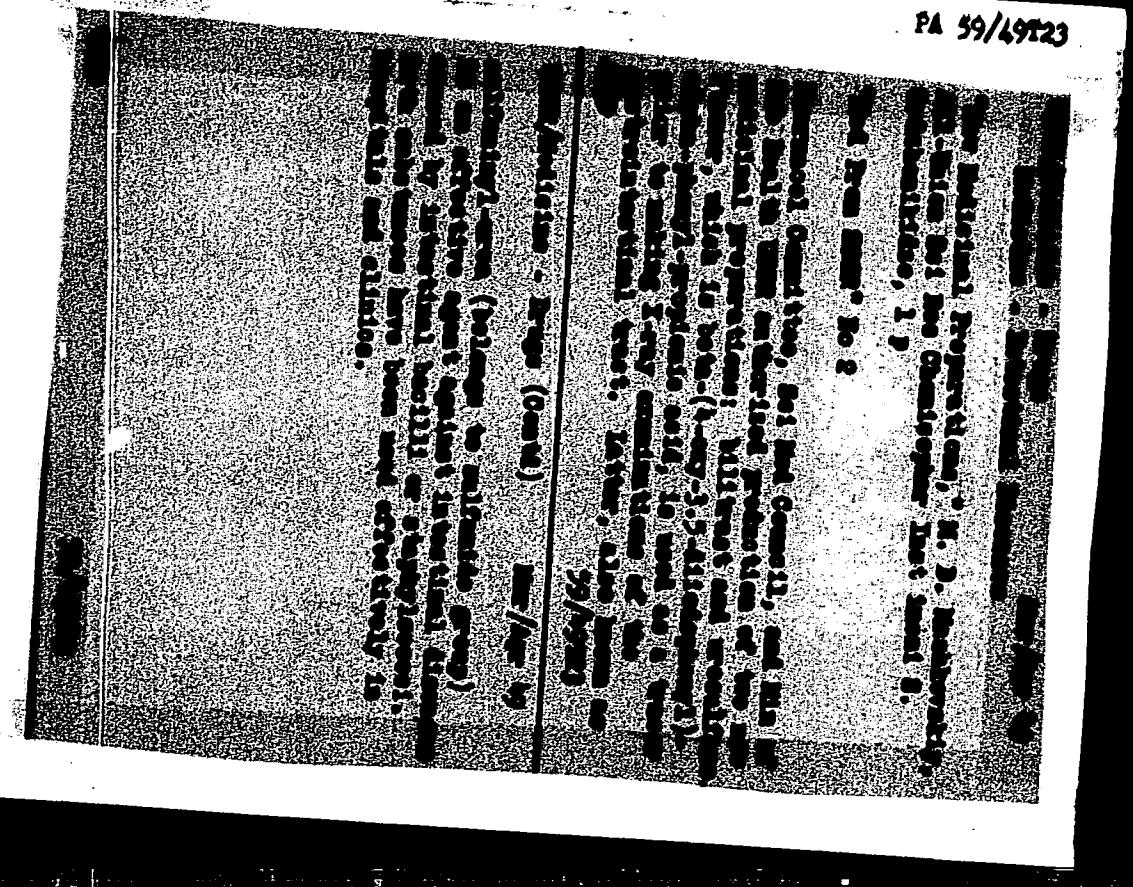
Treats subject under: (1) sulfamide preparations; (2) antiseptic preparations of the acridine series, helminth control; (3) sedatives, antiplasmatics and antipyretics; (4) synthetic hormones and their analogues.

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9

MASHKOVSKIY, M. D.

PA 59/4923



APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9"

MASHKOVSKII, M. D.

TIPHEN - Cholinomimetic Agents

Tiphen as a Substitute For Papaverine," Prof. N. D. Mashkovskii Moscow, Div. of Pharmacol, All-USSR Sci Res Chemico Pharm Inst Izhevsk. Ord. Bonchukov

"CIA Med" Vol XIII, No 6, pp 82-84

Tiphen (diethylethylbenzyl ester of thiodipropionic acid) was found to be a more effective analgesic than papaverine. In addition to its action on the smooth musculature, tiphen has parasympathetic effect. In relatively large

1963

NEW/ARTICLES - Chemotherapeutic Agents

(Contd)

does, it interrupts the transmission of impulses along the nerve and counteracts acetylesteticholine and carbacholine. It has a local anesthetic effect. In its action on the respiratory nervous system, tiphen reduces the reactivity of nicotinic choline receptors. It also contracts smooth muscle and cystisus. Tiphen has admitted for general use in medical practice.

MASHKOVSKIY, M. D.

SER/Chemistry - Pharmaceutical

SER/PCB

"Dicumarin," M. D. Mashkovskiy, VILNIUS (All-Belarus Sci Res Inst Chem-Pharm Inst Liseni S. Ordubadi).

Med Prog USSR" No 1, pp 43, 44

Gives detailed instructions for the use of dico-
umarin/dicumarol, 3,3'-methylenebis (4-hydroxy-
cumarin), as an anticoagulant, particularly for
cardiovascular, particularly for
protection in doses which lower the prothrombin con-

SER/Chemistry - Pharmaceuticals
(Contd)

SER/PCB

20300

tent of blood to 30-35% of initial.
VILNIUS. The properties of the drug Pe-
lentan /Franskaan, 3,3'-carboethoxybutane
dicarboxylate-(4-hydroxycumarin) are described and
compared with those of dicumarin. Pelentan has
activity, and a more rapid action (2-3 hr after
administration) than dicumarin. The prothrombin
level in blood returns to its original value 4-6 hr
after administration of Pelentan. Pelentan is
eliminated more rapidly than dicumarin.

MASHKOVSKY, M.D.

~~Pachycarpine. Med. promyshl. SSSR no.5:37-38 Sept-Oct 1952. (CIML 23:4)~~

1. All-Union Scientific-Research Pharmaceutical Chemical Institute imeni
S. Ordzhonikidze.

1. MASHKOVSKIY, M. D., Prof.
2. USSR (600)
4. Dosiology
7. Maximum doses of various and potent medicinal preparations in the supplementary printing of the 8th edition of the National Pharmacopeia of the U. S. S. R., Apt. delo, No. 6, 1952.
9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

MUSIOV, M.V.; MASHKOVSKIY, N.D.

New drugs at the services of public health. Med. promyshl. SSSR
no. 6:23-26 Nov-Dec 1952. (CLML 23:4)

1. All-Union Scientific-Research of the Pharmaceutic Chemistry Industry.
2. Ethaminal sodium (sodium salt of ethyl-methylbutyl barbituric acid),
promedol, cardiotраст (contrast medium), pachycarpine, phosphacol
(miotic), phthivasiid, dicoumarin.

NAZAROV, I.N.; MASHKOVSKIY, M.D.; RUDENKO, V.A.; PROSTAKOV, N.S.; ISHCHENKO, V.I.

New analgesic promedol. Klin. med., Moskva 30 no.8:60-63 Aug 1952.
(CLML 23:2)

1. Professor, Corresponding Member Academy of Sciences USSR for Nazarov;
Professor for Mashkovskiy. 2. Moscow.

1. MASHKOVSKIY, M. D.; BRISKIN, B. A.
2. USSR (600)
4. Drugs
7. "Diplastin," a Russian preparation resembling curare, and its use in medical practice, Klin. med., 30, No. 10, 1952.
9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

MASHKOVSKIY M.D. and KRISHOVA N. A.

4947. MASHKOVSKIY M.D. and KRISHOVA N.A. * Pharmacological properties and therapeutic use of a new drug, pachykarpin. (Russian text) SOVETSK.MED. 1953, 2 (36-38)

The ganglion depressant action of pachykarpin, a new alkaloid, isolated from Sephera and Thermopsis lanceolata is described. It has low toxicity, 10 mg./kg. in rabbits and dogs being well-tolerated. These doses cause a slowing of the pulse rate, lengthening of the P-Q interval in the ECG and slowing of impulse conduction. The drug depresses conduction through vegetative ganglia without previous excitation. Sympathetic ganglia especially are affected. A striking stimulant effect on uterus *in situ* and isolated was observed. Experiments with conditioned reflexes show that the alkaloid increases protective inhibition processes in the brain. The effects of extensive clinical trials are reported. The drug was found useful for various endarteritic states, especially spastic forms. Myopathic cases also improved. In obstetrics the drug stimulates labour. It does not affect the blood pressure, which makes it more useful than posterior pituitary extract. It may also be given to patients with nephrotoxic changes, but should not be used during pregnancy. Raskova - Prague

SO: Excerpta Medica, Section II, Vol 7, No 9

Translation M-756, 30 Aug 55

ABRAMOVA, P.N.; MARKOVSKIY, N.D., professor, zavodmyushchiy; HUBTSOV, M.V.,
professor, direktor.

Stability and standard preparations of the adonis herb, digitalis and lily
of the valley, used for biological evaluation. Apt.delo 2 no.5:45-48 S-0
'53. (MEIA 6:10)

1. Otdel farmakologii Vsesoyuznogo nauchno-issledovatel'skogo khimiko-
farmaceuticheskogo instituta im. Serge Ordzhonikidze Ministerstva zdra-
voobshcheniya SSSR. (Digitalis) (Drugs--Adulteration and analysis)

GREBENNIK, L.I.; MASHKOVSKIY, M.D., professor, saveduyushchiy.

Absorption, excretion and circulation of "phthiviaside" in the organs and tissues. Probl.tub. no.3:76-80 My-Je '53. (MLA 6:7)

1. Otdel farmakologii Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze. (Tuberculosis)

SIDOROV, G.I.; BRISKIN, A.I.; BAKULEV, A.N., professor, deyatvitel'nyy chlen Akademii meditsinskikh nauk SSSR, direktor; MASHKOVSKIY, M.D., professor, zaveduyushchiy.

Application of diplacin, a Soviet preparation with curare-like action, in anesthesia in surgery. Khirurgia no.4:48-56 Ap '53. (MLRA 6:6)

1. Fakul'tetskaya khirurgicheskaya klinika II Moskovskogo meditsinskogo instituta imeni I.V. Stalina (for Sidorov, Briskin and Bakulev). 2. Akademiya meditsinskikh nauk SSSR (for Bakulev). 3. Otdel farmakologii Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmaceuticheskogo instituta imeni S. Ordzhonikidze (for Sidorov, Briskin and Mashkovskiy). (Anesthesia)

YAKOVLEVA, A.I.; MASHKOVSKIY, M.D., professor, zaveduyushchiy.

Comparative pathomorphologic data on the results of experimental thiosemi-carbasone therapy of tuberculosis. Farm. i toks. 16 no.1:42-44 Ja-F '53.
(MLRA 6:6)

1. Otdel farmakologii Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze.
(Tuberculosis) (Thiosemicarbasone)

SHARPOV, I.M.; MASHKOVSKIY, M.D., professor, zaveduyushchiy.

Pharmacology of the alkaloid of Makrotomia echicoides of the family Boraginaceae. Farm. i toks. 16 no.2:19-21 Mr-Apr '53. (MLRA 6:6)

1. Otdel farmakologii Vsesoyuznogo nauchno-issledovat. 'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze. (Alkaloids)

KHUGLIKHOVA-L'VOVA, R.P.; MASHKOVSKIY, M.D., professor, zaveduyushchiy.

Comparative investigation of the effect of "promedol" and morphine upon reflexes from internal organs. Farm. i teks. 16 no.3:8-11 My-Je '53.
(MLBA 6:7)

1. Otdel farmakologii Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.
(Reflexes) (Morphine)

POLIKHAYEVA, A.I.; MASHKOVSKIY, M.D., professor, zaveduyushchiy.

Effect of pectic acid upon blood coagulability. Farm. i toks. 16 no.3:
29-33 My-Je '53. (MLRA 6:7)

1. Otdel farmakologii Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.
(Pectic acid) (Blood--Coagulation)

MASHKOVSKIY, N. D.

Ref ID: A652

Effect of
Tropacine
Cholinolytics

"The Pharmacology of Tropacine", N. D. Mashkovskiy,
Div of Pharmacol, All-Union Sci-Res Chem-Pharmaceut
Inst in S. Ordzhonikidze [VNIKhF]

Farmakol i Toksikol, Vol 16, No 5, pp 3-10

Tropacine (tropetsin), which has been synthesized by
VNIKhF and approved for medical use, is chemically
the hydrochloride of the tropine ester of diphenyl-
acetic acid (mp 210-212°). It has cholinolytic and
spasmolytic activity, a local anesthetic effect, and

2702

the capacity to counteract nicotine hyperkinesia.
It resembles both atropine and drugs of the type of
spasmolytin. Its effects on the sensitivity of
ganglia treated with acetylcholine and cysteine have
been investigated. It has been found useful in the
treatment of parkinsonism.

MASHKOVSKY, M.D.; KETEROVA, N.A.

Pharmacological properties and application of a new drug; pachycarpine.
Sovet. med. 17 no.2:36-39 Feb 1953. (CIML 24:2)

1. Professors. 2. Of the All-Union Scientific-Research Pharmacistic
Chemistry Institute imeni S. Ordzhonikidze, Moscow and of the Institute
of Physiology imeni I. P. Pavlov of the Academy of Sciences USSR, Lenin-
grad.

MASHKOVSKIY, M.D., professor (Moskva).

Modern analgesics. Sov.med. 17 no.7:20-24 J1 '53.

(MLR 6:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut
imeni S.Ordzhonikidze.

(anesthetics)

Discusses the effect of analgetics from the standpoint of Pavlovian medicine. Gives detailed pharmacological data on dolantin (synthesized in the USSR in 1939-40 at VNIKhPI and known in USSR as lidol) and on the original USSR analgetic, promedol. Points out that both lidol and promedol, as distinguished from morphine, exhibit a spasmolytic activity.

261T55

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9

MASHKOVSKII, M.D.

[Remedies; manual for doctors] Lekarstvennye sredstva; spravochnik
dlia vrachei. Moskva, Medgiz, 1954. 560 p. (MIRA 8:3)
(Drugs)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9"

MASHKOVSKIY, M. D.

"Data on the Pharmacology of Thiosemicarbazones," by M. D. Mashkovskiy, A. I. Polezhayeva, and M. F. Runova, Khimiya i MEDICINA. Thiosemikarbazony (Chemistry and Medicine. Thiosemicarbazones), Nedra, Moscow, 1954, pp 98-105 (from Referativnyy Zhurnal-Biologiya, No 9, 10 May 57, Abstract No 39,149)

"The investigation of the toxicity of various thiocarbazones in mice and rats was carried out in order to establish their suitability as drugs for the control of tuberculosis. The maximally tolerated and lethal doses of the substances were determined. Cuthizone [p-isopropylbenzaldehyde thiosemicarbazone] and tibione were found to be the more toxic of the group of thiocarbazones. The maximally tolerated dose of cuthizone by mice was 7 milligrams; the absolute lethal dose for mice was 20 milligrams or 0.25 gram per kilogram body weight. Tibione was found to be approximately as toxic as cuthizone. Neither had an appreciable effect on the blood. No pathological changes in the organs were exhibited." (U)

S4m142 S

MASHKOVSKIY, M. D.;
USSR/Medicine - Pharmacology

FD-1912

Card 1/1 Pub. 38-11/18

Author : Mashkovskiy, M. D.; Liberman, S. S.

Title : Comparative investigation of the effects of spasmolytin, tiphen, and pentaphen on experimental bronchospasm
[in brackets]

Periodical : Farm. i. toks. 17, 45-49, Nov/Dec 1954

Abstract : Studied the effects of spasmolytin (chlorohydrate of the diethylaminoethyl ester of diphenylacetic acid), tiphen (chlorohydrate of the diethylaminoethyl ester of thiadiphenylacetic acid), and pentaphen (chlorohydrate of the diethylaminoethyl ester of phenylcyclopentane-carboxylic acid) on experimentally induced bronchospasms in cats. The bronchospasm was induced with prostigmine and with carbonyl choline. All three preparations were found to possess broncholytic activity, decreasing bronchospasms induced by prostigmine, carbonyl choline, and by stimulation of the vagus nerve with induction current. The broncholytic activity of the three drugs was equal. Five graphs; five references (all USSR; all since 1940).

Institution: Pharmacology Division (Head - Prof. M. D. Mashkovskiy) All-Union Sci-Res Chemico-pharmaceutical Inst imeni S. Ordzhonikidze.

Submitted :

MASHKOVSKIY, M. D.,
USSR/Medicine - Pharmacology

FD-1915

Card 1/1 · Pub. 38-14/18

Author : Chistyakova, N. P. [reviewed by Kudrin, A. N.]; Grishchenko, I. I. [reviewed by Mashkovskiy, M. D., Professor]

Title : Farmakologiya i reseptura, uchebnik dlya meditsinskikh sester [Pharmacology and prescriptions, a textbook for nurses] Second edition; Obezbolivaniye v rodakh [Painlessness in Births]

Periodical : Farm. i. toks., 17, 54-55 Nov/Dec 1954

Abstract : The two books listed above with their authors given in the same order, are reviewed. The reviewer of the first book describes the contents briefly and gives a favorable review. The greatest shortcoming of this book is in the part on prescriptions and individual pharmacology, where not enough information was given on the matter of filling out prescriptions. This book was published by Medgiz in Moscow, 1954. Circulation: 50,000. The other book, which was published by the Khar'kov State Scientific-Medical Library in Khar'kov, 1953, also received a favorable review. This book contains a bibliography of USSR literature on painless birth.

Institution:

Submitted :

MASHKOVSKIY, M.D., professor

Tropacin, a new therapeutic for diseases of the nerves. Sov. med.
18 no.11:20-24 N '54. (MIRA 7:12)

1. In Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.

(NERVOUS SYSTEM, diseases

ther., diphenylacetic acid 3-tropyl ester)

(ACETIC ACID, derivatives

diphenylacetic acid 3-tropyl ester, ther. of nervous system dis.)

MASHKOVSKIY, M.D.

Aminozine and other drugs of the phenothiazine series. Med. prem.
no.4;32-36 O-D '55. (MLR 9:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze.
(PHENOTHIAZINE, derivatives
pharmacol.)

MASHKOVSKIY, M.D.

ZAKUTINSKIY, D.I., professor.

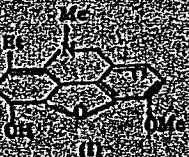
"Drugs" manual for physicians. M.D.Mashkovskii, Reviewed by
D.I.Zakutinskiy. Apt.delo 4 no.4:58-59 Jl-Ag '55 (MLRA 8:10)
(DRUGS) (MASHKOVSKIY, M.D.)

MASHKOVSKY, M. I.)

1. The pharmacokinetics of bromine-75, Br^{75} , was studied by M. D. Moshkovsky, Institute of Radiobiology and Radiochemistry, Novosibirsk, Russia. (Ref. 1)
 The following reference is cited: T. G. J. van der Velde, *J. Nucl. Med.*, 1977, 18, 1064.
 Animals: (I) - mice; (II) - hamsters; (III) - dogs; (IV) - monkeys.
 Isotopes: bromine-75 (Br^{75}).
 Dose: (I) - 0.01-0.05 mCi/kg; (II) - 0.01-0.05 mCi/kg; (III) - 0.01-0.05 mCi/kg; (IV) - 0.001-0.005 mCi/kg.
 Route: (I) - i.v.; (II) - i.v.; (III) - i.v.; (IV) - i.v.
 Time: (I) - 1 hr after injection; (II) - 1 hr after injection; (III) - 1 hr after injection; (IV) - 1 hr after injection.
 Methods: (I) - autoradiography of the whole body; (II) - autoradiography of the whole body; (III) - autoradiography of the whole body; (IV) - autoradiography of the whole body.
 Results: (I) - dose-dependent increase in the bromine content of the liver, lungs, heart, kidneys, spleen, and bone marrow. The highest increase was observed in the liver (0-70%); the hypoxic areas were of moderate size. (II) - dose-dependent increase in the bromine content of the liver, lungs, heart, kidneys, spleen, and bone marrow. The highest increase was observed in the liver (0-70%). (III) - dose-dependent increase in the bromine content of the liver, lungs, heart, kidneys, spleen, and bone marrow. The highest increase was observed in the liver (0-70%). (IV) - dose-dependent increase in the bromine content of the liver, lungs, heart, kidneys, spleen, and bone marrow. The highest increase was observed in the liver (0-70%).
 Conclusions: (I) - bromine-75 is a good tracer for the study of the kinetics of bromine in the body. (II) - bromine-75 is a good tracer for the study of the kinetics of bromine in the body. (III) - bromine-75 is a good tracer for the study of the kinetics of bromine in the body. (IV) - bromine-75 is a good tracer for the study of the kinetics of bromine in the body.
 2. The pharmacokinetics of iodine-131, I^{131} , was studied by V. A. Slobodkin, Institute of Radiobiology and Radiochemistry, Novosibirsk, Russia. (Ref. 2)
 The following reference is cited: V. A. Slobodkin, *J. Nucl. Med.*, 1977, 18, 1064.
 Animals: (I) - mice; (II) - hamsters; (III) - dogs; (IV) - monkeys.
 Isotopes: iodine-131 (I^{131}).
 Dose: (I) - 0.01-0.05 mCi/kg; (II) - 0.01-0.05 mCi/kg; (III) - 0.01-0.05 mCi/kg; (IV) - 0.001-0.005 mCi/kg.
 Route: (I) - i.v.; (II) - i.v.; (III) - i.v.; (IV) - i.v.
 Time: (I) - 1 hr after injection; (II) - 1 hr after injection; (III) - 1 hr after injection; (IV) - 1 hr after injection.
 Methods: (I) - autoradiography of the whole body; (II) - autoradiography of the whole body; (III) - autoradiography of the whole body; (IV) - autoradiography of the whole body.
 Results: (I) - dose-dependent increase in the iodine content of the liver, lungs, heart, kidneys, spleen, and bone marrow. The highest increase was observed in the liver (0-70%). (II) - dose-dependent increase in the iodine content of the liver, lungs, heart, kidneys, spleen, and bone marrow. The highest increase was observed in the liver (0-70%). (III) - dose-dependent increase in the iodine content of the liver, lungs, heart, kidneys, spleen, and bone marrow. The highest increase was observed in the liver (0-70%). (IV) - dose-dependent increase in the iodine content of the liver, lungs, heart, kidneys, spleen, and bone marrow. The highest increase was observed in the liver (0-70%).
 Conclusions: (I) - iodine-131 is a good tracer for the study of the kinetics of iodine in the body. (II) - iodine-131 is a good tracer for the study of the kinetics of iodine in the body. (III) - iodine-131 is a good tracer for the study of the kinetics of iodine in the body. (IV) - iodine-131 is a good tracer for the study of the kinetics of iodine in the body.

MASHKOVSKY M-D

Review of publications on the synthesis and stability of
related compounds. Mr. D. K. Smith writes: "Recently,
Takemoto, Ito, Nakamura, et al., ((1968)) SC-10000000 differs
from the known structures in that it is a cyclic ether.
It is formed by the condensation reaction of two molecules of 1,5-dihydro-
CHINICONE and is susceptible to hydrolysis and
oxidation, i.e., it loses the methoxymethyl group to form
CHINICONE or is oxidized to a carboxylic acid derivative.
In addition, it is reported to be a strong base."



John K. Smith

MASHKOVSKII, M. D.

— 6178. On certain properties of the alkaloid *theanine* and its dihydrochloride. M. D. Mashkovskii. "Farmakol i Toksikol." 1955, 18, No. 6, 6-9; *Referat. Zb. sov. Khim.*, 1956, Abstr. No. 17767.— The alkaloid theanine ($C_8H_{11}N_2O_2$) (I) is contained in the plant *Thevetia peruviana* (genus *Thevetiaceae*), and is related to the alkaloids of the heterotriidine series. On hydrolysis it is split into 2 mol. of D-gastricinocatole ($C_8H_{11}NO_2$) and 4-dihydroxy-a-trimellitic acid ($C_8H_8O_4$). The pharmacological properties of I and its dihydrochloride (II) were studied. It was established that I and II, *in vivo*, rabbits, and frogs, inhibit nerve-muscle activity. In urethanized cats, the action of I is demonstrated beginning with doses of 1 mg./kg., II with doses of 0.1 mg./kg., and in anaesthetized rabbits with 0.01 mg./kg. and 0.005 mg./kg. respectively. The action and character of effect, II resembles D-tubocurarine. The effect of I and II on nerve muscle activity is antagonized by proserine. The curarizing action of II is also shown on nerve-muscle prep. of frogs. (Russian) F. McKENNA

MASTERS COPY / M.D.

USSR/CHEMICALS/Petroleum

Card 1/11 PW 22-2245

Authors: V. A. Anisimov, V. D. Marshkovskiy, N. D. Danilova, A. V. S. and Men'shikov, G. P.

Title: The synthesis of pentane, heptane and heptotriene

PUB. NUMBER: 6 USSR ATISSR 10/2, 251-252, JUL 11, 1959

Abstract: The synthesis of new kin compounds - pseudoheliotriene and heliotriene - is briefly described. The medicinal properties of these compounds are indicated. References: USSR and U.S.A. (1922-1952).

Institution: All Union Soc. for Chem. Prog., Inst. of S. Ordzhonikidze

Presented by: Association T. V. Men'shikov, Moscow, 7/21, 1959

USSR / Pharmacology and Toxicology. Medicinal Plants.

V-8

Abs Jour : Ref. Zhur - Biologiya, No 17, 1958, No. 80669

Author : Mashkovskiy, M. D.

Inst : Not given

Title : On the Pharmacology of Alkaloids from Ungernia Severtzovii

Orig Pub : Dokl. AN UzSSR, 1956, No 4, 11-13

Abstract : In cats and dogs, in 15 minutes after the subcutaneous introduction of an amount of alkaloids of Ungernia severtzovii (I) at a dose of 10 mg/kg, repeated vomiting sets in. A dose of 100 mg/kg causes the appearance of colonic spasms and tremors. DL₅₀ of I consists of 250 mg/kg. Excretions from the plant of ungerinins and ungernia are pharmacological slightly active. The vomiting effects caused by the introduction of I is conditioned mainly by the presence of the lycorine alkaloid.

Card 1/1

MASHKOVSKIY, M. D.

"Tropacine (the hydrochloride of the tropine ester of diphenylacetic acid) is close to atropine in its structure. The LD₅₀ when administered intravenously to mice is 48 milligrams per kilogram of body weight. In a concentration of 1-2·10⁻⁵ tropacine dilates the blood vessels of the isolated ear and kidneys of a rabbit. It possesses cholinolytic action and in concentrations of 10⁻⁷ completely removes intestinal spasms caused by acetylcholine. It is approximately 50-100 times less active than tropine in its effect on the muscular cholinoreactive systems. Tropacine inhibits the neurocholinoreactive systems, and in doses of 1-2 milligrams per kilogram of body weight prevents the transmission of impulses from the vagus nerve to the heart. When applied locally or administered intravenously it blocks the transmission of impulses in the upper cervical ganglion. In doses of 10-20 milligrams per kilogram of body weight it is an antispasmodic in regard to hyperkinesia induced by nicotine in mice. Tropacine is recommended for application as a cholinolytic agent and in

SUM-13741

MASHKOVSKIY, M. D.

DOZORTSEVA, P.M.; LETINA, V.S.; MASHKOVSKIY, M.D.; MINER, Ye.A.;
RABINOVICH, F.Ye.; BOVANCHIK, N.A.

Magnesium trisilicate, its production and properties. Med.prom.
10 no.4:20-22 O-D '56. (MIRA 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmaceuticheskiy
institut imeni S.Ordzhonikidze.
(MAGNESIUM SILICATES)

MASHKOVSKIY, M.D.

USSR/Pharmacology. Pharmacognosy. Toxicology - Analgesics.

T-3

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71671

Author : Mashkovskiy, M.D., Abramova, P.N.

Inst :

Title : Pharmacological Properties of Isopromedole

Orig Pub : Farmacolog. i Toksikologiya, 1956, 19, No 3, 26-32

Abstract : The tests were done on rats, rabbits and dogs. The analgesic action of isopromedole (I) is close in effect to promedole (II). In tests with rats it was shown, that I has a stronger and more prolonged analgesic effect, than II. It was established that the action of I in a concentration of 10^{-5} lowers the muscle tone and reduces the amplitude of contractions, and in 10^{-4} fully relaxes the intestinal muscle of an isolated rabbit intestine. In tests with intact animals using the Nikolayev-Subbotin Method, it was found that in doses of 1 to 3 mg/kg produces a rise in the tonus and an increase

Card 1/2

- 16 -

USSR/Pharmacology. Pharmacognosy. Toxicology - Analgesics.

T-3

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71671

in the amplitude of intestinal contractions; I in doses of 0.2 to 3 mg/kg causes a rise in the tonus of the uterus with a subsequent weakening. I does not differ from II in toxicity and its spasmolytic effect.

Card 2/2

- 17 -

MASHKOVSKY, M.-D.

Adrenolytic properties of esters of tropine. M. D. Mashkovskii and K. A. Zaitseva (All-Union Chem.-Pharm. Inst., Moscow). *Biofizika*, Biol. + med. 41, No. 1, 50-51 (1956). — The pharmacological effect of tropine esters of β -acetoxyphenyl- α -phenylpropionic and β -methoxyphenyl- α -phenylpropionic acids (OI-717 and OI-718, resp.) on cats and dogs were studied. Unlike atropine and analogous compds, these esters have a weak effect upon the m-choline-reactive systems. On the other hand their effect upon the n-choline receptors is much stronger than that of atropine and approximates that of tropazine. The most pronounced characteristic of the esters is their vigorous effect upon the adrenoreactive systems, especially their adrenolytic action which exceeds that of atropine many times. Whereas atropine administered in doses of 2 mg./kg. has only a mild adrenolytic effect, that of the esters is very pronounced in doses of 0.1 mg./kg. The esters are less active than sympatholitin, an adrenolytic product, but less toxic and without irritating effect upon the tissue. When compared with benzoline they are considerably more active. A. S. M.

MASHKOVSKIY, M.D.; MEDVEDEV, B.A.

Problem of the effect of aminasine on skeletal muscles and on neuromuscular conductivity. Biul.eksp.biol. i med. 41 no.4:
50-53 Ap '56. (MIRA 9:8)

1. Iz otdela farmakologii (zav. prof. M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Oridzhonikidze, Moskva. Predstavlena dystvitel'nym chlenom AMN SSSR V.I.Skvortsovym

(CHLORPROMAZINE, effects,
on musc. & neuromusc. conductivity in rabbits (Mus))
(MUSCLES, effects of drugs on,
chlorpromazine, on musc. & neuromusc. conductivity in
rabbits (Mus))
(MYONEURAL JUNCTION, effect of drugs on,
chlorpromazine (Mus))

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9

The pharmacological properties of imipramine and of other
compounds of the phenothiazine order. M. D. Mash-
kovskii (S. Ordzhonikidze All-Union Sci. Research Chem.-
Pharm. Inst., Moscow). "Zhur. Neirofiziologii i Psichiatrii"
1958, No. 1, p. 103-110.

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9"

MASHKOVSKIY, Mikhail Dawydovich; prof.; GVOZDEVA, Ye.I., red.; LYUDKOVSKAYA,
E.T., tekhn.red.

[Medicinals; a manual for physicians] Lekarstvennye sredstva;
posobie dlja vrachej. Izd.2-oe, perer.i dop. Moskva, Gos.izd-vo
med.lit-ry, 1957. 811 p.

(DRUGS)

MASHKOVSKIY, M. D.

ARUTYUNOV, V.Ya., prof.; BERKOVICH, I.M., doktor med.nauk; BUNIN, K.V., prof.
VNLIKORETSKIY, A.N., prof.; GAMBURG, R.L., doktor med.nauk; GLASKO,
N.M.; ZVIAGINTSEVA, S.G., doktor med.nauk; IVBUSHKAYA, A.M., kand.med.
nauk; KALUGINA, A.N., kand.med.nauk; KAMINSKAYA-PAVLOVA, Z.A., prof.
KVATAR, Ye.I., prof.; KOLAW'KO, A.B., prof.; KOSSYURA, M.B., kand.
med.nauk; KRAVETS, B.M., doktor med.nauk; KRISTMAN, V.I., kand.med.
nauk; KRUZHKOV, V.A., dotsent; LIKHACHEV, A.G., prof.; LUKOMSKIY, I.O.,
prof.; MASHKOVSKIY, M.D., prof.; ROZENTAL', A.S., prof.; SEMENSKIY,
M.Ya. [deceased], prof.; TURETSKIY, M.Ya., kand.med.nauk; KHESIN,
Ye.Ye., dotsent; KUDINA, Kh.L., kand.med.nauk; SHABANOV, A.N., prof.;
red.; BONDAR', Z.A., red.; ZAKHAROVA, A.I., tekhn.red.

[Medical handbook for feldshers] Meditsinskii spravochnik dlia
fel'dsherov. Izd. 6-oe, perer. i dop. Moskva, Gos. izd-vo med.
lit-ry, 1957. 899 p. (MIRA 10:12)
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720007-9

MASHKOVSKY M.W.

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MAY 17, 1967.

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CIA-RDP86-00513R001032720007-9"

MASHKOVSKIY, M.D.

Modern hypotensives. Med.prom. 11 no.6:5-15 Je '57. (MLRA 10:8)

1. Vsesoyusnyy nauchno-issledovatel'skiy khimiko-farmatsevticheskii
institut imeni S.Ordzhonikidze
(VASOMOTOR DURGS)

MASHKOVSKY, M.D.; ARUTYUNYAN, G.S.

Antorphin (Σ -allylnormorphine) as an antagonist of promedol and isopromedol. Farm. i teks. 20 no.1:17-22 Ja-F '57. (MLM 10:7)

1. Otdel farmakologii (zav. - prof. N.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmaceuticheskogo instituta imeni S.Orlheanskogo.

(NORPHINE, related comp.,
 Σ -allylnormorphine, antag. eff. on 1,2,5-trimethyl-4-phenyl-propoxy piperidine & its iso- deriv. (Rus))

(ANALGESICS,
1,2,5-trimethyl-4-phenyl-propoxy piperidine & its iso- deriv., antag. eff. of Σ -allylnormorphine (Rus))

MASHKOVSKIY, M. D
MASHKOVSKIY, M.D.; LIBERMAN, S.S.

Pharmacology of aprophen, a new spasmolytic preparation [with summary
in English]. Farm. i toks. 20 no.4:42-48 Jl-Ag '57. (MIRA 10:11)

1. Otdel farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo
nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta
imeni S.Ordzhonikidze.

(MUSCLE RELAXANTS,

β -diethylaminoethyl ester of α,α -diphenylpropionic
acid hydrochloride, pharmacol. (Rus))

(PROPIONATES, effects,

β -diethylaminoethyl ester of α,α -diphenylpropionic
acid hydrochloride, spasmolytic action (Rus))

MASHKOVSKIY, M.D.

MASHKOVSKIY, M.D., prof. (Moskva)

Forty years of achievements in Soviet pharmacology. Klin.med. 35
no.10:67-79 O '57.
(MIRA 11:2)

(PHARMACOLOGY
in Russia, progr. (Rus))

V
User/Pharmacology - Toxicology - Tranquillizers.

Abs Jour : Ref Zhur Biol., No 4, 1959, 18589

Author : Mashkovskiy, M. D.; Medvedev, B.A.

Inst :
Title : Nitranole- a Preparation which Dilates the Coronary Vessels

Orig Pub : Med. prom-st' SSSR, 1958, No 4, 56-57

Abstract : Nitranole (I; phosphate of triethanolamine trinitrite) is near in chemical structure to nitroglycerine (II). I dilates the heart vessels of the rabbit by 34-50%, while II dilates them by 26-42%. The duration of the action of I is 15-7 min, of II 9-6 min. Analogous action of I was observed in experimental atherosclerosis. Intravenous introduction of 1-10 mg/kg of I induced short hypotension of 10-30 mm of mercury column. II induces a stronger hypotensive action. In experiments on mice in peroral introduction of I, DL50 equals 325 mg/kg. Clinical tests were conducted on 500 patients with stenocardia.

Card 1/2

- 22 -

MASHKOVSKIY, M.D., ARUTYUNYAN, O.S.

~~Anterphine and other morphine antagonists. Med.prom. 12 no.6:37-40
Je '58~~
(MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S. Ordzhonikidze.
(NORMORPHINE)

MASHKOVSKIY, M.D., AL'TSHULER, R.A.

Promeran, a new diuretic. Med.prom. 12 no.12:44-46 D'58
(MIRA 11:12)

1. Leningradskiy mediko-instrumental'nyy ordena Lenina zavod
"Krasnogvardeyets."
(UREA)
(DIURETICS AND DIURESIS)

MASHKOVSKIY, M.D., DSC. (Moskva)

Ganglion-blocking preparations and their significance for
modern pharmacotherapy. Klin.med. 36 no.11:3-12 N '58

(MIRA 11:12)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmaceuticheskogo
instituta imeni S. Ordzhonikidze.

(AUTONOMIC DRUGS

ganglionic blocking agents, review (Eng))

SHCHUKINA, M.N., prof.; MASHKOVSKIY, M.D., prof.; PERSHIN, G.N., prof., laureat Stalinskoy premii, otd.red.; SERGIIEVSKAYA, S.I., prof., red.; MAGIDSON, O.Iu., prof., laureat Stalinskoy premii, red.; UTKIN, L.M., prof., red.; GROZDEVA, Ye.I., red.; LIUDKOVSKAYA, N.I., tekhn.red.

[Chemistry and medicine] Khimiia i meditsina. Otd.red. G.N. Pershin. Moskva, Nedgis. №.9. [Aminazine] Aminazin. 1959. 241 p. (MIRA 12:6)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut. 2. Zaveduyushchaya laboratoriya protivertuberkuleznykh soyedineniy Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze (for Shchukina). 3. Zaveduyushchiy laboratoriya otstala farmakologii Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze (for Mashkovskiy).

(CHLORPROMAZINE)

LIBERMAN, S.S.; MASHKOVSKIY, M.D.

New drugs for treating diseases of the central nervous system.
Med. prom. 13 no.2:3-10 P '59. (MIRA 12:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(TRANQUILLIZING DRUGS)

LIBERMAN, S.S.; MASHKOVSKIY, M.D.

New drugs for treating diseases of the central nervous system.
(MIRA 12:5)
Med.prom. 13 no.3:6-13 Mr '59.

1. Vsesoyusnyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(PHARMACOLOGY) (NERVOUS SYSTEM--DISEASES)

MASHKOVSKIY, M.D.; LIBERMAN, S.S.

Pharmacology of a new cholinolytic drug metacin. Farm. i toks. 22
no.3:216-224 My-Je '59. (MIEA 12:7)

1. Otdel farmakologii (zav. - prof. M.D. Mashkovskiy) Vsesoyuznogo
nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta.
(PARASYMPATHOLYTICS,
oxyphenonium, pharmacol. (Rus))

MASHKOVSKIY, M.D.; AVAKYAN, V.N.

Pharmacology of 5-ethoxymethylfuran-2-carboxylic acid dimethyl-aminoethyl iodomethylate. Farm. i toks. 22 no.6:506-512 E-D '99.
(MIRA 13:5)

1. Otdel farmakologii (zav. - prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmacevticheskogo instituta imeni Z. Ordzhonikidze i Instituta tokskoy organicheskoy khimii AN Arzjanskoy SSR (dir. - akademik AN Arzjanskoy SSR A.L. Madshoyan).
(MUSCLE RELAXANTS pharmacol.)
(FURAN)

MASHKOVSKIY, M.D.; POLEZHAYEVA, A.I.

On the pharmacology of imisin (tofranil), a new neurotropic substance.
Zhur.nevr. i psich. 59 no.8:964-971 '59. (MIRA 12:12)

1. Otdel farmakologii (zav. - prof. M.D. Mashkovskiy) Vsesoyuznogo
nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni
S. Ordzhonikidze, Moskva.
(TRANQUILIZING AGENTS pharmacol.)

MASHKOVSKII, M.D., prof.; LEPTINA, V.S.; KASAVINA, G.A.

Conference on the standardisation of drugs. Med.prom. 14 no.3:
61-62 M.F. '60. (MIRA 13:6)
(DRUGS--STANDARDS)

MASHKOVSKIY, M.D.

Ganglion blocking preparations. Khim. i med. no.15:5-15 '60.

(MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze (VNIKHF).
(AUTONOMIC DRUGS)

YAKOVLEVA, A.I.; SHAKHNAZAROVA, N.G.; MASHKOVSKIY, M.D.

Effect of certain derivatives of isonicotinic acid hydrazide on
the amount of serotonin in the enterochromaffin cells of the intestine
(Kul'tsitskii's cells). Farm.i toks. 23 no.2:143-147 Mr-Ap '60.
(MIRA 14:3)

1. Otdel farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo
nauchno-issledovatel'skogo khimiko-farmacevticheskogo instituta
imeni S.Ordzhonikidze.

(PARAGANGLIA) (INTESTINES)
(ISONICOTINIC ACID) (SEROTONIN)

MASHKOVSKIY, M.D.; YAKOVLEVA, A.I.; SHAKHNAZAROV, N.G.

Effect of platiphylline on the morphological structures of the
organism in experimental animals. Farm. i toks. 23 no.4:335-341
(MIRA 14:3)
Jl-4g '60.

1. Otdel farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo
nauchno-issledovatel'skogo khimiko-farmaceuticheskogo instituta
imeni S.Ordzhonikidze.
(ALKALOIDS) (MOTOR DRUGS)

MASHKOVSKIY, M.D.; ZAYTSEVA, K.A.

On the pharmacology of 3-acetoxquinuclidine (aceclidine).
Farm. i tek. 23 no. 5:398-406 S-O '60. (MIRA 13:12)

1. Otdel farmakologii (zav. - prof. M.D. Mashkovskiy) Vsesoyuznogo
nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta
imeni S. Ordzhonikidze.
(QUINUCLIDINE) (PARASYMPATHOMIMETICS)

MASHKOVSKIY, M.D.; MEDVEDEV, B.A.

Pharmacological properties of symmetric bis-quaternary 9-methyl-3,
9-diazabicyclo-(3,3,1)-nonane derivatives. Farm.i toks. 23 no.6:
493-499 N-D '60. (MIRA 14:3)

1. Otdel farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo
nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta
imeni S.Ordzhonikidze.
(BICYCLONONANE) (AUTONOMIC DRUGS)

IL'YUCHENOK, R.Yu; MASHKOVSKIY, M.D.

Electrophysiological data on choline-reactive elements of the
reticular formation of the brain stem. *Fiziol.zhur.* 47 no.11:
1352-1359 N'60. (MIRA 14:11)

1. From the Laboratory of Pharmacology, Chemico-Pharmaceutical
Research Institute, Moscow.
(BRAIN) (CHOLINE) (PARASYMPATHOMIMETICS)

MASHKOVSKIY, M.D.; MEDVEDEV, B.A.

Comparison of the ganglionic-blocking and curarelike effect of
3,4-dithiahexane-1,6-bis-trimethylammonium diiodide and hexonium.
Biul. eksp. biol. i med. 49 no. 4:66-70 Sp '60. (MIRA 13:10)

1. Iz laboratorii farmakologii (zav. - prof. M.D. Mashkovskiy)
Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo
instituta imeni S. Ordzhonikidze, Moskva.
(AUTONOMIC DRUGS)

BAKULEV, A.N., glavnnyy red.; PETROV, F.N., glavnnyy red.; MILOVIDOV, B.M., zam.glevnogo red.; BRUSILOVSKIY, L.Ia., red.; DOMBROVSKAYA, Yu.F., red.; ZHILIN, V.P., red.; KRASNOV, M.L., red.; KRISTMAN, V.I., red.; MAYSTRAKH, K.V., red.; MALINOVSKIY, M.S., red.; MASIKOVSKIY, M.D., red.; MIL'TAMOVSKIY, M.P., red.; SIBERNEVSKIY, A.V., red.; SOLOV'YEV, V.D., red.; CHERKINSKIY, S.N., red.; KON, M.A., stershii nauchnyy red.; VOSKAN'YANTS, O.I., mladshiy red.; KOSTI, S.D., tekhn.red.

[Popular medical encyclopedia] Populiarnaya meditsinskaya entsiklopediya. Glav.red.A.N.Bakulev i F.N.Petrov. Chleny red. kollegii: L.Ia.Brusilovskii i dr. Nauchn.sovet izd-va: A.P.Aleksandrov i dr. Moskva, Gos.nauchn.izd-vo "Sovetskaya entsiklopediya," 1961.
(MIRA 14:4)
1252 columns.

1. Redaktsiya meditsiny i zdravookhreneniya. Moskva, Zh-28,
Pokrovskiy bul'var, d.8, Gosudarstvennoye nauchnoye izdatel'stvo
"Sovetskaya Entsiklopediya" (for Milovidov, Kon, Voskan'yants).
(MEDICINE--DICTIONARIES)

MASHKOVSKIY, M.D.; MEDVEDEV, B.A.

Nitranol and other new esters of nitric acid as coronary vaso-
dilators. Khim. i med. no.16:5-11 '61. (MIRA 17:8)

MASHKOVSKIY, M.D.

Drugs in modern anesthesiology. Med.prom. 15 no.5:14-30 My '61.
(MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze.
(ANESTHETICS)

ZAYTSEVA, K.A.; MASHKOVSKIY, M.D.

Aceclidine, a new preparation for treatment of postoperative atony
of the intestines and urinary bladder. Med.prom. 15 no.5:42-44
(MIRA 14:6)
My '61.

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S. Ordzhonikidze.
(PARASIMPATHOMIMETICS) (QUINUCLIDINE)
(URINE SECRETION) (INTESTINES--DISEASES)

MASHKOVSKIY, M.D.

Psychopharmacological agents of the stimulating type. Vest. AMN
SSSR 16 no.10:68-78 '61. (MIRA 14:11)
(PSYCHOPHARMACOLOGY) (STIMULANTS)

MASHKOVSKIY, M.D.; YAKOVLEVA, A.I.; SHAKHNAZAROVA, N.G.

Effect of certain hypotensive compounds on the serotonin content
of enterochromaffin cells of the intestine (Kul'chitskii's cells).
Farm.i toks. 24 no.1:44-49 Ja-F '61. (MIRA 14:5)

1. Laboratoriya farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuz-
nogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta
imeni S.Ordzhonikidze.
(SEROTONIN) (INTESTINES) (VASOMOTOR DRUGS)

IL'YUCHENOK, R.Yu.; MASHKOVSKIY, M.D.

Correlation of anticholinesterase substances(galanthiamine and eserine) with cholino- and adreno-lytics in the region of the reticular formation of the brain stem. Farm. i toks. 24 no.4:
(MIRA 14:9)
403-410 Jl-Ag '61.

1. Laboratoriya farmakologii (zav. - prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze, Moskva.
(PHYSOSTIGMINE) (GALANTHAMINE) (BRAIN)
(PARASYMPATHOLYTICS)

ARUTYUNYAN, G.S.; MASHKOVSKIY, M.D.

Pharmacological studies on N-oxides of nicotine. Farm. i toks. 24
(MIRA 14:10)
no.5:534-540 S-0 '61.

1. Laboratoriya farmakologii (zav. - prof. M.D.Mashkovskiy) Vsesoyuznogo
nauchno-issledovatel'skogo khimiko-farmaceuticheskogo instituta
imeni S.Ordzhonikidze.
(NICOTINE)

MASHKOVSKIY, M.D.; IL'YUCHENOK, R.Yu.

Effect of galanthamine on the central nervous system. Zhur.nevr.i
psikh. 61 no.2:166-175 '61. (MIRA 14:6)

1. Laboratoriya farmakologii (zav. - prof. M.D.Mashkovskiy)
Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo
instituta, Moskva.
(BRAIN) (GALANTHAMINE)

MASHKOVSKIY, M.D.; IL'YUCHENOK, R.Yu.

Comparative effect of some derivatives of phenothiazine on the
electroencephalogram. Zhur. nevr. i psikh. 61 no.12:1836-1841
'61. (MIRA 15:7)

1. Laboratoriya farmakologii (zav. - prof. M.D. Mashkovskiy)
Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevti-
cheskogo instituta, Moskva.
(ELECTROENCEPHALOGRAPHY) (PHENOTHIAZINE)

MASHKOVSKY, M.D.

"Pharmacological Properties and Interaction of
Some Tryptamine Derivatives."

paper presented at the Second Hungarian Conference of
Therapy and Pharmacological Research, Budapest, Hungary, 2-7 Oct 62

Member of the University of Medicine of the USSR, Moscow

MASHKOVSKIY, M.D.

Publication of the 9th edition of the State Pharmacopoeia of the U.S.S.R.
Med. prcm. 16 no.3:3-7 Mr '62. (MIRA 15:5)

1. Prezidiat' Farmakopeynogo komiteta Ministerstva zdravookhraneniya
SSSR.
(PHARMACOPEIAS)

MASHKOVSKIY, M.D.; ZAYTSEVA, K.A.

Pharmacology of 3-benzoylhydroxyquinuclidine. Farm. i toks. 25.
no.1:32-37 Ja-F '62. (MIA 15:4)

1. Laboratoriya farmakologii (zav. - prof. M.D.Mashkovskiy)
Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo
instituta (VNIKhFI).
(QUINUCLIDINE)

MASHKOVSKIY, M.D.; AL'TSHULER, R.A.

Pharmacological properties of galanthamine iodomethylate.
Farm. i toks. 25 nq. 2:168-175 Mr-Ap '62. (MIRA 15:6)

1. Laboratoriya farmakologii (zav. - prof. M.D. Mashkovskiy)
Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo
instituta imeni S. Ordzhonikidze.
(GALANTHAMINE)

MASHKOVSKIY, M.D.; ZAYTSEVA, K.A.

Spiralidine, a new sedative agent. Farm. zhurn. SSSR (1968) 679-684 N-0 '62.

1. Laboratoriya farmakologii (zav. - doktor farm. nauk MM SSSR prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmaceuticheskogo instituta imeni D.I. Mendeleyeva.

MASHKOVSKIY, M.D.; SABRITDNOV, F.

Curariform properties of 4-(4-di-¹⁴N, 11-OH)C₁₇-estra-1,3,5(10),14-tetraen-11-one in hexane dichloride (qualitative). Form. No. 133. 45-105-71
M. D. Mashkovskiy
N-D '62.

1. Laboratoriya farmakologii zav. na Ural'komissariata po zdravookhraneniyu SSSR prof. M.D. Mashkovskiy; Vsesoyuznyi nauchno-issledovatel'skiy i konstruktivnyi skogo khimiko-farmatsevicheskogo instituta (VN RFR); Leningrad; Ordzhonikidze.

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S/246/62/062/002/002/006
I015/I215**AUTHOR:** Mashkovskiy, M. D., Il'yuchenok, R. Yu. and Ostrovskaya, R. U.**TITLE:** Effect of imizine on the bioelectric activity of the brain**PERIODICAL:** Zhurnal nevropatologii i psichiatrii imeni S. S. Korsakov, v. 62, no. 2, 1962, 178-182

TEXT: The experiments were carried out on rabbits (chronic experiments) and cats (acute experiments) without narcosis. The technique of measuring the bioelectrical activity is described. Imizine (tofranil) was injected intravenously (0.5-5.0 mg/kg/b.w.) The results showed that doses of 0.5-1.0 mg/kg of imizine did not markedly change the bioelectric activity of the cerebral background but did affect the cortical cells by increasing their functional lability. Doses of 3-5 mg/kg caused a decrease in the cortical cell functional lability and had a blocking effect on the reticular formation of the brain stem. The authors conclude that the changes in the functional state of CNS following administration of the drug may arise because of its effect on the cortical neurons. There are 3 figures.

ASSOCIATION: Laboratoriya farmakologii (zav.—prof. M. D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze (Laboratory of Pharmacology — directed by Prof. M. D. Mashkovskiy, All-Union Chemical Pharmaceutical Research Institute imeni S. Ordzhonikidze) Moscow

SUBMITTED: May 5, 1960

Card 1/1

X

MASHKOVSKIY, M.

"Binding sites of brain biogenetic amines as affected by psychoactive drugs."

Paper submitted to the Intl. Symposium on Developing Brain and Binding Sites
of Brain Biogenic Amines."
To be held at Galesburg, Ill. 1-3 March 1963

MASHKOVSKIY, M.D.; ARUTYUNIAN, G.S.

Pharmacology of 5-methoxytryptamine hydrochloride. Farm. i
toks. 26 no.1&10-17 Ja-F '63. (MIRA 17:7)

1. Laboratoriya farmakologii (zav. - chlen-korrespondent
AMN SSSR prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledo-
vatel'skogo khimiko-farmatsevticheskogo instituta imeni
S. Ordzhonikidze.

ARUTYUNYAN, G.S.; MASHKOVSKIY, M.D.; ROSHCHINA, L.F.

Pharmacological properties of melatonin. Farm. i toks. 26
no.6:650-655 N-D '63 (MIRA 18:2)

1. Laboratoriya farmakologii (zav. - chlen-korrespondent AMN
SSSR prof. M. D. Mashkovskiy) Vsesoyuznogo nauchno-issledova-
tel'skogo khimiko-farmatsevticheskogo instituta imeni
S. Ordzhonikidze.

MASHKOVSKIY, M.D., ROSHCHINA, L.F.

Effect of oxylidine on the bioelectric activity of the brain.
Zhur. nevr. i psich. 63 no.10:1532-1540 '63. (MIRA 17:5)

1. Laboratoriya farmakologii (zav. - prof. M.D. Mashkovskiy)
Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo
instituta imeni S. Ordzhonikidze, Moscow.

MASHKOVSKIY, M.D.

Biochemical pharmacology and the role of hydrazine derivatives in
treating mental diseases. Zhur. VKHO 9 no.4:433-437 '64.
(MIRA 17:10)

1. Chlen-korrespondent AMN SSSR.

RUBCOV, M.V. [Rubtsov, M.V.]; SARAPOV, I.M. [Sharapov, I.M.]; MASKOVSKIJ, M.D. [Maskovskij, M.D.]; MICHLINA, E.E. [Mikhлина, Е.Е.]; NIKITSKAJA, E.S. [Nikitakaya, Ye.S.]; VOROBYEVA, V.Ja. [Vorobyeva, V.Ya.]; USOVSKAJA, V.S. [Usovskaya, V.S.].

Synthesis and pharmacological research on quinuclidine, piperidine and pyridine derivatives. Cesk. farm. 13 no.6:299-315 Jl'64

1. Vsesoyuzovy vedecko-vyzkumny ustav pro chemii a farmacii, Moskva (VNICHPFI) [Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsev-ticheskiy institut].

MASHKOVSKIY, M.D.; GERCHUKOV, L.N.

Effect of tropaphen on the peripheral vessels. Biull. ekspl. biol.
i med. 58 no.8:69-71 Ag '64.

(MIR' 18:3)

I. Laboratoriya farmakologii zav. - chlen-korrespondent AMN SSSR
prof. M.D. Mashkovskiy) Vsesoyuznoe khimiko-farmatsevticheskogo
instituta imeni Ordzhonikidze, Moskva.

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ACC NM: AP6017690

SOURCE CODE: UR/0243/65/000/004/0003/0009
332
B

AUTHOR: Mashkovskiy, M. D. (Moscow)

ORG: none

TITLE: Main trends of scientific research and development work on new drugs

SOURCE: Meditsinskaya promyshlennost' SSSR, no. 4, 1965, 3-9

TOPIC TAGS: cancer drug, amine, organic imine compound, penicillin, sulfamides, nervous system drug, tranquilizer, chemotherapy

ABSTRACT: The search for new drugs at present is being pursued in the following directions: 1) anti-cancer drugs (derivatives of bis-(β -chloroethyl) amine, compounds containing ethyleneimine groups, ethers of disulfonic acids, antimetabolites); 2) chemotherapeutic drugs for the treatment of various infectious diseases, inclusive of viral infections (antibiotics, sulfonamides, derivatives of nitrofuran, synthetic anti-TB drugs, anti-malarial drugs, synthetic penicillins; 3) drugs for the treatment of diseases of the nervous system (aminazine and its analogues, reserpine, haloperidol, and other tranquilizers, antispasmodics, soporifics, ganglion-blocking agents, cholinolytics, sympatholytics, catecholamines, adrenomimetics; 4) drugs for the treatment of diseases of the cardiovascular system (the benzothiadiazines, glycosides, organic nitrates, anticoagulants, coronary

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vasodilators. The problems in all these fields that should receive priority in research are: the development of effective, selectively acting anti-cancer drugs; the further development of the chemotherapy and prophylaxis of viral infections as well as the development of drugs effective against the strains of TB mycobacteria that are resistant to the already known drugs; further research into drugs for the treatment of mental diseases (psychopharmacology); the development of new, effective drugs for the treatment of stenocardia, myocardial infarction, and atherosclerotic changes in the vessels. The development of drugs normalizing the metabolic processes in the myocardium in the presence of disturbances caused by various pathological processes should also be considered important. [JPRS]

SUB CODE: 06 / SUBM DATE: none

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TRUBITSYNA, T.K.; MASHKOVSKIY, M.D., prof.

Group toxicity of indopen and the effect of various neurotropic substances on it. Farm. i leks. 28 no.1:23-27 Ja-P '65.
(MIRA 18:12)

1. Laboratoriya farmakologii (zav. - chlen-korrespondent prof. M.D.Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze, Moskva. Submitted January 27, 1964.